643, 277

L Number	Hits	Search Text	DB	Time stamp
1	0	(435//7.21).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:24
2	0	(435//7.21).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:24
3	1546	(435/7.21).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:24
4	1178	(435/7.94).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:24
5	574	(435/7.95).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:25
6	248	(436/506).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:25
7	124	(436/507).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:25
8	2996	(436/518).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:25
9	117	(436/827).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:25
10	5256	((435/7.21).CCLS.) or ((435/7.94).CCLS.) or ((435/7.95).CCLS.) or ((436/506).CCLS.) or ((436/507).CCLS.) or ((436/518).CCLS.) or ((436/827).CCLS.)	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:26
11	21	sialoganglioside	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:26
12	14	sialo adj ganglioside	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:27
13	0	sialolipid	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:27
14	0	sialo adj lipid	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:27
15	0	sialo adj tn	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:28
16	50	sialyl adj tn	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:28

17	5983	stn	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:29
18	357	neuac	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:29
19	30	sialoadhesin	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:31
20	6	siglec	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:44
21	6413	sialoganglioside or (sialo adj ganglioside) or sialolipid or (sialo adj lipid) or (sialo adj tn) or (sialyl adj tn) or stn or neuac or sialoadhesin or siglec	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:45
22	658097	complex$2	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:46
23	12	(sialoganglioside or (sialo adj ganglioside) or sialolipid or (sialo adj lipid) or (sialo adj tn) or (sialyl adj tn) or stn or neuac or sialoadhesin or siglec) near5 complex$2	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:48
24	0	((sialoganglioside or (sialo adj ganglioside) or sialolipid or (sialo adj lipid) or (sialo adj tn) or (sialyl adj tn) or stn or neuac or sialoadhesin or siglec) near5 complex$2) and (((435/7.21).CCLS.) or ((435/7.94).CCLS.) or ((435/7.95).CCLS.) or ((436/506).CCLS.) or ((436/507).CCLS.) or ((436/518).CCLS.) or ((436/827).CCLS.))	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:04
25	13126	multiple adj sclerosis	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:06
26	5745	immune adj complex	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:06
27	72	immunecomplex	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:06
28	1529	immunocomplex	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:07
29	6850	(immune adj complex) or immunecomplex or immunocomplex	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:07
30	13126	(multiple adj sclerosis) same (multiple adj sclerosis)	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:08
31	115	(multiple adj sclerosis) same ((immune adj complex) or immunecomplex or immunocomplex)	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:08

32	5	(((435/7.21).CCLS.) or ((435/7.94).CCLS.) or ((435/7.95).CCLS.) or ((436/506).CCLS.) or ((436/507).CCLS.) or ((436/518).CCLS.) or ((436/827).CCLS.)) and ((multiple adj sclerosis) same ((immune adj complex) or immunecomplex or immunocomplex))	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:08

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L Number	Hits	Search Text	DB	Time stamp
1	2	sialocomplex	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:39
2	6413	sialoganglioside or (sialo adj ganglioside) or sialolipid or (sialo adj lipid) or (sialo adj tn) or (sialyl adj tn) or stn or neuac or sialoadhesin or siglec	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:40
3	658097	complex$2	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:41
4	12	(sialoganglioside or (sialo adj ganglioside) or sialolipid or (sialo adj lipid) or (sialo adj tn) or (sialyl adj tn) or stn or neuac or sialoadhesin or siglec) near5 complex$2	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:41
5	14	sialocomplex or ((sialoganglioside or (sialo adj ganglioside) or sialolipid or (sialo adj lipid) or (sialo adj tn) or (sialyl adj tn) or stn or neuac or sialoadhesin or siglec) near5 complex$2)	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:49
6	2	("5173420").PN.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:52
7	3	("5194385").PN.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:54
8	3	("5011920").PN.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:58
9	2	("5158886").PN.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 10:00
10	124	(436/507).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 10:22
11	509	(436/813).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 10:23
12	0	("l1 or l2").PN.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 10:23
13	6414	sialocomplex or (sialoganglioside or (sialo adj ganglioside) or sialolipid or (sialo adj lipid) or (sialo adj tn) or (sialyl adj tn) or stn or neuac or sialoadhesin or siglec)	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 10:23
14	3	((436/813).CCLS.) and (sialocomplex or (sialoganglioside or (sialo adj ganglioside) or sialolipid or (sialo adj lipid) or (sialo adj tn) or (sialyl adj tn) or stn or neuac or sialoadhesin or siglec))	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 10:23

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FILE 'HOME' ENTERED AT 11:00:37 ON 29 JUL 2002

=> file ca
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'CA' ENTERED AT 11:01:26 ON 29 JUL 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 25 Jul 2002 VOL 137 ISS 5
FILE LAST UPDATED: 25 Jul 2002 (20020725/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> activate
ENTER NAME OF SAVED ITEM TO ACTIVATE OR (END):multscler/a
ANSWER SET NOT ACTIVATED.
THE ANSWER SET WAS CREATED IN FILES 'BIOSIS, CA'.
USE THE FILE COMMAND TO CHANGE TO THE CORRECT FILES.
To use the ACTIVATE command, you must be in the same file environment in which the answer set was created.

=> file biosis, ca
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.38	0.59

FILE 'BIOSIS' ENTERED AT 11:02:19 ON 29 JUL 2002

FILE 'CA' ENTERED AT 11:02:19 ON 29 JUL 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

=> activate
ENTER NAME OF SAVED ITEM TO ACTIVATE OR (END):multscler/a
L*** (20106)SEA FILE=BIOSIS ABB=ON PLU=ON L*** OR L*** OR L***
L*** (129)SEA FILE=BIOSIS ABB=ON PLU=ON L*** AND L***
L*** (46)SEA FILE=CA ABB=ON PLU=ON L*** AND L***

L1 166 DUP REM L***-L*** (9 DUPLICATES REMOVED)

=> s l1 not 2002/py
L2 153 L1 NOT 2002/PY

=> s l2 not 2001/py
L3 147 L2 NOT 2001/PY

=>

=> d l3 17 bib ab

L3 ANSWER 17 OF 147 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1993:200903 BIOSIS
DN PREV199344097153
TI Seric **immune complexes** in **multiple sclerosis** do not contain MBP epitopes.
AU Geffard, Michel (1); Boullerne, Anne; Brochet, Bruno
CS (1) Lab. Immunologie Pathologie, Univ. Bordeaux II, BP 66, 146 rue Leo Saignat, 33076 Bordeaux Cedex France
SO Brain Research Bulletin, (1993) Vol. 30, No. 3-4, pp. 365-368.
Meeting Info.: Satellite Symposium of the Third IBRO (International Brain Research Organization) World Congress of Neuroscience on Development, Plasticity, and Regeneration in the Spinal Cord: Cellular and Molecular Interactions Quebec, Quebec, Canada August 11-14, 1991
ISSN: 0361-9230.
DT Article
LA English

=> d l3 21 bib ab

L3 ANSWER 21 OF 147 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1992:160579 BIOSIS
DN BR42:76779
TI ANTIBRAIN ANTIBODIES IN **MULTIPLE SCLEROSIS** PATIENTS.
AU HENNEBERG A E; MAYLE D M; PFAU J; ELSNER U; KORNHUBER H H
CS UNIV. ULM DEP. NEUROL., D-7900 ULM.
SO THIRD INTERNATIONAL CONGRESS ON NEUROIMMUNOLOGY, JERUSALEM, ISRAEL, OCTOBER 27-NOVEMBER 1, 1991. J NEUROIMMUNOL. (1991) 0 (SUPPL 1), 183.
CODEN: JNRIDW. ISSN: 0165-5728.
DT Conference
FS BR; OLD
LA English

=> d l3 41 bib ab

L3 ANSWER 41 OF 147 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1987:189368 BIOSIS
DN BA83:97492
TI THE DETECTION OF BRAIN ANTIGENS WITHIN THE CIRCULATING **IMMUNE COMPLEXES** OF PATIENTS WITH **MULTIPLE SCLEROSIS**.
AU FRIEDMAN J; BUSKIRK D; MARINO L J JR; ZABRISKIE J B
CS DEP. BACTERIOL. IMMUNOL., ROCKEFELLER UNIV., NEW YORK, N.Y. 10021, USA.
SO J NEUROIMMUNOL, (1987) 14 (1), 1-18.
CODEN: JNRIDW. ISSN: 0165-5728.
FS BA; OLD
LA English
AB **Immune complexes** isolated from sera of patients with **multiple sclerosis** (MS) were analyzed for their antigenic content. **Immune complexes** precipitated with polyethylene glycol were inoculated into rabbits. The antisera raised were

shown to react to MS and normal brain antigens by crossed immunoelectrophoresis, ELISA and nitrocellulose transfer. Additionally, these antisera reacted by co-precipitation with the measles nucleocapsid antigen. As persistent viral infection has not been shown to occur in MS, these studies support the possibility that brain antigens within the **immune complex** share antigenic determinants with a specific viral antigen seen earlier in life by the host.

=> d l3 43 bib ab

L3 ANSWER 43 OF 147 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1986:399731 BIOSIS
DN BA82:85211
TI ANTI-GLYCOLIPID ANTIBODIES AND THEIR **IMMUNE COMPLEXES** IN **MULTIPLE SCLEROSIS**.
AU KASAI N; PACHNER A R; YU R K
CS DEP. NEUROLOGY, YALE UNIV. SCH. MED, 333 CEDAR ST., NEW HAVEN, CT 06510.
SO J NEUROL SCI, (1986) 75 (1), 33-42.
CODEN: JNSCAG. ISSN: 0022-510X.
FS BA; OLD
LA English
AB Antibody titers against myelin constituents in sera and CSF of patients with **multiple sclerosis** (MS) were examined by a solid-phase radioimmunoassay. Anti-GM4 and anti-galactocerebroside antibody titers were significantly elevated in the CSF of MS patients, but not anti-GM1 and anti-myelin basic protein antibodies. In sera of MS patients, the titers of antibodies against these myelin constituents were not elevated. Total IgG level was also significantly elevated in the CSF, but not in the sera of MS patients. **Immune complexes** from the CSF of MS patients were dissociated by acid-ultrafiltration. These data suggest that antibodies of the IgG class against GM4 and galactocerebroside are present in CSF of MS patients, and a significant number of them exist as **immune complexes** with their corresponding glycolipid antigens.

=> s l3 and (sialyl? or sialic or sialo?)
L4 1 L3 AND (SIALYL? OR SIALIC OR SIALO?)

=> d l4 bib ab

L4 ANSWER 1 OF 1 CA COPYRIGHT 2002 ACS
AN 112:18592 CA
TI Anti-ganglioside GD1a monoclonal antibody MZ, MZ-producing cells, and MZ-containing reagent for diagnosis of cancer and systemic lupus erythematosus
IN Shimada, Shizuo; Iwata, Daiji; Sato, Wakao
PA Mitsui Toatsu Chemicals, Inc., Japan
SO Eur. Pat. Appl., 13 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 307186	A2	19890315	EP 1988-308273	19880907
	EP 307186	A3	19900314		
	EP 307186	B1	19940622		
	R: DE, FR, GB				
	JP 01067198	A2	19890313	JP 1987-221862	19870907
	JP 07116238	B4	19951213		
	CA 1314246	A1	19930309	CA 1988-576560	19880906

	US 5192662	A	19930309	US 1988-241291	19880907
	JP 08187081	A2	19960723	JP 1995-167874	19950612
	JP 2635946	B2	19970730		
PRAI	JP 1987-221862		19870907		

AB Disclosed are a novel anti-ganglioside GD1a monoclonal antibody (MZ) which is capable of recognizing ganglioside GD1a but is practically incapable of recognizing glycolipids GalCer, LacCer, Gb3, Gb4, GA1, GA2, GM1, GM2, GM3, GD1b, GT1b, GQ1b, Fuc-GM1, nLC4, and **sialosyl** nLC4; MZ-producing cells; an MZ-contg. reagent; and a method for the detection or quantification of GD1a using the reagent, e.g. to diagnose cancer, systematic lupus erythematosus (SLE), and diseases resulting from org. injury to the nervous system. Mice were immunized 4-15 times with formalin-treated Salmonella minnesota, and monoclonal antibodies were produced by std. techniques by fusion of their spleen cells with mouse myeloma NS-1 and screening of the clones. Serum from cancer or SLE patients was adsorbed on protein A-polystyrene, **immune complexes** were dissocd., the supernatant was extd. with CHCl3:MeOH (2:1), and the GD1a-contg. CHCl3 layer was dried and dissolved in buffered saline contg. 1% bovine serum albumin. This soln. was placed in microtiter plate wells and incubated with polystyrene-immobilized MZ for 3 h at 37.degree., biotinylated MZ for 1 h at room temp., and peroxidase-labeled avidin for 1 h at room temp. After treatment with substrate, the absorbance was read and compared to a std. curve for GD1a detn. Cancer and SLE patients had higher GD1a levels than healthy subjects.